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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

☐ Declaration
Submitted
With Initial
Filing

OR

☒ Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket
Number

TPIP026/WO US

First Named Inventor

Jean-Pei Cherng

COMPLETE IF KNOWN

Application Number

Filing Date

Art Unit

Examiner Name

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND APPARATUS FOR MANIPULATING AND MEASURING SOLIDS

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒

was filed on (MM/DD/YYYY)

04/29/2005

as United States Application Number or PCT International

Application Number

10/533,619

and was amended on (MM/DD/YYYY)

04/29/2005

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? | |
|--|---------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| | | | | YES | NO |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

☐

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

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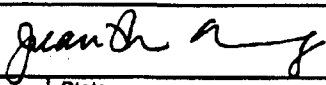
PTO/SB/01 (04-05)

Approved for use through 07/31/2008. OMB 0851-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

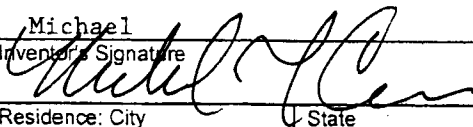
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DECLARATION — Utility or Design Patent Application

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| Direct all correspondence to: | <input checked="" type="checkbox"/> The address associated with Customer Number: | 27777 | OR | <input type="checkbox"/> Correspondence address below |
| Name | | | | |
| Address | | | | |
| City | | State | ZIP | |
| Country | Telephone | | Email | |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. | | | | |
| NAME OF SOLE OR FIRST INVENTOR: | | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | | Family Name or Surname | |
| Jean-Pei | | | Cherng | |
| Inventor's Signature | | | Date | |
|  | | | 4-29-05 | |
| Residence: City | State | Country | Citizenship | |
| Sudbury | MA | USA | US | |
| Mailing Address | | | | |
| 220 Horse Pond Road | | | | |
| City | State | Zip | Country | |
| Sudbury | MA | 01776 | USA | |
| NAME OF SECOND INVENTOR: | | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | | Family Name or Surname | |
| Michael | | | Cima | |
| Inventor's Signature | | | Date | |
| Residence: City | State | Country | Citizenship | |
| Winchester | MA | USA | US | |
| Mailing Address | | | | |
| 184 Mystic Valley Parkway | | | | |
| City | State | Zip | Country | |
| Winchester | MA | 01890 | USA | |
| <input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the 2 supplemental sheet(s) PTO/SB/02A or 02LR attached hereto. | | | | |

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DECLARATION — Utility or Design Patent Application

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|---|--|--|-------|---|-------------|---|
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| Name | | | | | | |
| Address | | | | | | |
| City | | | State | | ZIP | |
| Country | | Telephone | | Email | | |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. | | | | | | |
| NAME OF SOLE OR FIRST INVENTOR: | | | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | |
| Given Name (first and middle [if any]) | | | | Family Name or Surname | | |
| Jean-Pei | | | | Cherng | | |
| Inventor's Signature | | | | | Date | |
| Residence: City | | State | | Country | | Citizenship |
| Sudbury | | MA | | USA | | US |
| Mailing Address | | | | | | |
| 220 Horse Pond Road | | | | | | |
| City | | State | | Zip | | Country |
| Sudbury | | MA | | 01776 | | USA |
| NAME OF SECOND INVENTOR: | | | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | |
| Given Name (first and middle [if any]) | | | | Family Name or Surname | | |
| Michael | | | | Cima | | |
| Inventor's Signature | | | | | Date | |
|  | | | | | Aug 22 2006 | |
| Residence: City | | State | | Country | | Citizenship |
| Winchester | | MA | | USA | | US |
| Mailing Address | | | | | | |
| 184 Mystic Valley Parkway | | | | | | |
| City | | State | | Zip | | Country |
| Winchester | | MA | | 01890 | | USA |
| <input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the 2 supplemental sheet(s) PTO/SB/02A or 02LR attached hereto. | | | | | | |

[Page 2 of 2]

| | |
|--------------------|---|
| DECLARATION | ADDITIONAL INVENTOR(S) Supplemental Sheet |
| | Page <u>4</u> of <u>8</u> |

| | | | |
|---|----------|---|----------------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Javier | | Gonzalez-Zugasti | |
| Inventor's Signature <i>Javier Gonzalez-Zugasti</i> | | Date 4/28/2005 | |
| Residence: City North Billerica | State MA | Country USA | Citizenship AR |
| Mailing Address <i>782.15</i> 145 Angie Road | | | |
| City North Billerica | State MA | Zip 01862 | Country USA |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Nathan | | Kane | |
| Inventor's Signature | | Date | |
| Residence: City Arlington | State MA | Country USA | Citizenship US |
| Mailing Address 52 Marathon Street | | | |
| City Arlington | State MA | Zip 02474 | Country USA |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Anthony | | Lemmo | |
| Inventor's Signature | | Date | |
| Residence: City Sudbury | State MA | Country USA | Citizenship US |
| Mailing Address 2 Washington Avenue | | | |
| City Sudbury | State MA | Zip 01776 | Country USA |

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If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/BB/02A (08-04)

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|--------------------|-------------------------------|--------|------|
| DECLARATION | ADDITIONAL INVENTOR(S) | 5 | 8 |
| | Supplemental Sheet | Page 5 | of 8 |

| | | | |
|--|-------|---|-------------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Javier | | Gonzalez-Zugastl | |
| Inventor's Signature | | Date | |
| North Billerica | MA | USA | AR |
| Residence: City | State | Country | Citizenship |
| 145 Angie Road | | | |
| Mailing Address | | | |
| North Billerica | MA | 01862 | USA |
| City | State | Zip | Country |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Nathan | | Kane | |
| Inventor's Signature | | Date | |
| Nathan Kane | | 4/29/05 | |
| Arlington | MA | USA | US |
| Residence: City | State | Country | Citizenship |
| 52 Marathon Street | | | |
| Mailing Address | | | |
| Arlington | MA | 02474 | USA |
| City | State | Zip | Country |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Anthony | | Lemmo | |
| Inventor's Signature | | Date | |
| Sudbury | | MA | USA |
| Residence: City | State | Country | Citizenship |
| 2 Washington Avenue | | | |
| Mailing Address | | | |
| Sudbury | MA | 01776 | USA |
| City | State | Zip | Country |

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PTO/SB/02A (09-04)

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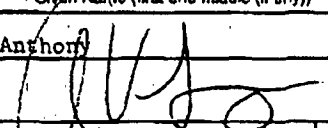
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ADDITIONAL INVENTOR(S)
Supplemental Sheet

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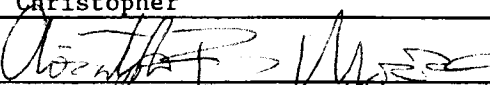
| | | | |
|---|-------|---|-------------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Javier | | Gonzalez-Zugastl | |
| Inventor's Signature | | Date | |
| Residence: City | State | Country | Citizenship |
| North Billerica | MA | USA | AR |
| Mailing Address | | | |
| 145 Angie Road | | | |
| City | State | Zip | Country |
| North Billerica | MA | 01862 | USA |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Nathan | | Kane | |
| Inventor's Signature | | Date | |
| Residence: City | State | Country | Citizenship |
| Arlington | MA | USA | US |
| Mailing Address | | | |
| 52 Marathon Street | | | |
| City | State | Zip | Country |
| Arlington | MA | 02474 | USA |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Anthony | | Lemmo | |
| Inventor's Signature | | Date | |
|  | | 4/27/05 | |
| Residence: City | State | Country | Citizenship |
| Sudbury | MA | USA | US |
| Mailing Address | | | |
| 2 Washington Avenue 3 Washington Drive | | | |
| City | State | Zip | Country |
| Sudbury | MA | 01776 | USA |

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| DECLARATION | ADDITIONAL INVENTOR(S) Supplemental Sheet |
| | Page <u>7</u> of <u>8</u> 4x |

| | | | |
|--|-------------|---|-------------------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Christopher | | Moore | |
| Inventor's Signature  | | Date <u>15 Aug 2006</u> | |
| Residence: City Cambridge | State MA | Country USA | Citizenship US |
| 20 Glenwood Avenue | | | |
| Mailing Address | | | |
| City Cambridge | State MA | Zip 02139 | Country USA |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Alex | | Slocum | |
| Inventor's Signature | | Date | |
| Residence: City Bow | State NH | Country USA | Citizenship US |
| 1 Merrill Crossing | | | |
| Mailing Address | | | |
| City Bow | State NH | Zip 03304 | Country USA |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| | | | |
| Inventor's Signature | | Date | |
| Residence: City | State | Country | Citizenship |
| Mailing Address | | | |
| City | State | Zip | Country |

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| DECLARATION | ADDITIONAL INVENTOR(S) Supplemental Sheet | 8 8 |
| | | Page 8 of 8 |

| | | | |
|--|-------|---|-------------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Christopher | | Moore | |
| Inventor's Signature | | Date | |
| Residence: City | State | Country | Citizenship |
| Cambridge | MA | USA | US |
| 20 Glenwood Avenue | | | |
| Mailing Address | | | |
| City | State | Zip | Country |
| Cambridge | MA | 02139 | USA |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Alex | | Slocum | |
| Inventor's Signature | | Date | |
| Residence: City | State | Country | Citizenship |
| Bow | NH | USA | US |
| 1 Merrill Crossing | | | |
| Mailing Address | | | |
| City | State | Zip | Country |
| Bow | NH | 03304 | USA |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| | | | |
| Inventor's Signature | | Date | |
| Residence: City | State | Country | Citizenship |
| | | | |
| Mailing Address | | | |
| City | State | Zip | Country |
| | | | |

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